

# (p-methylbenzylidene)-decyl-amine

**Inchi:** InChI=1S/C18H29N/c1-3-4-5-6-7-8-9-10-15-19-16-18-13-11-17(2)12-14-18/h11-14,16H,3  
**InchiKey:** OCJSXHMBLSQPHF-KNTRCKAVSA-N  
**Formula:** C18H29N  
**SMILES:** CCCCCCCCCN=Cc1ccc(C)cc1  
**Mol. weight [g/mol]:** 259.43

## Physical Properties

Property code	Value	Unit	Source
hf	-107.57	kJ/mol	Joback Method
hvap	61.91	kJ/mol	Joback Method
log10ws	-5.78		Crippen Method
logp	5.555		Crippen Method
mcvol	246.400	ml/mol	McGowan Method
pc	1336.86	kPa	Joback Method
rinpol	2076.00		NIST Webbook
tb	719.58	K	Joback Method
tc	919.24	K	Joback Method

## Sources

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=R160351&Units=SI>  
**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**Joback Method:** [https://en.wikipedia.org/wiki/Joback\\_method](https://en.wikipedia.org/wiki/Joback_method)  
**McGowan Method:** <http://link.springer.com/article/10.1007/BF02311772>

## Legend

**hf:** Enthalpy of formation at standard conditions  
**hvap:** Enthalpy of vaporization at standard conditions  
**log10ws:** Log10 of Water solubility in mol/l

<b>logp:</b>	Octanol/Water partition coefficient
<b>mcvol:</b>	McGowan's characteristic volume
<b>pc:</b>	Critical Pressure
<b>rinpol:</b>	Non-polar retention indices
<b>tb:</b>	Normal Boiling Point Temperature
<b>tc:</b>	Critical Temperature

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